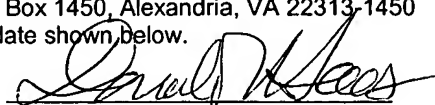


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Donald F. Haas

Date: December 9, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )

ARIE VAN ZON, ROBERT MOENE, )  
PHILLIP E. UNGER, PETER ARNOLDY, )  
and ERIC J. M. DE BOER )

Serial No. 10/668,933 )

Group Art Unit: 1764

Filed September 23, 2003 )

Examiner: Thuan D. Dang

PROCESS FOR MAKING A LINEAR )  
ALPHA-OLEFIN OLIGOMER USING A )  
HEAT EXCHANGER )

December 9, 2005

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO FINAL REJECTION**

**REMARKS**

In the final rejection of October 19, 2005, claims 1-7 and 13-16 have been rejected under Section 103(a) as being unpatentable over Gibson in view of Hinton. Claims 1-16 have been provisionally rejected under the judicially created doctrine of obviousness-type double patenting over claims 1-21 of copending application No. 10/668,592 in view of Hinton. The Section 103 rejection is traversed. Applicants provided the rationale for why this rejection should be withdrawn in the amendment of July 22, 2005. Those remarks are incorporated herein.

The double patenting rejection is also traversed. First of all, claims 1-12 of the copending application describe a catalyst and thus cannot have any relevance at all to a process for making linear alpha olefin oligomer in a reactor comprising a liquid phase and a gas phase, much less such process wherein a heat exchanger is positioned in the gas phase in the reactor but not in